

Geographical DESCRIPTION

O F

SCOTLAND.

With the Faires largely infert ; As
also, an exact Table of Tides, and
Table of the Latitude and Lon-
gitude of the most remarkable pla-
ces in *Scotland*; with other useful
notes, fit for every man to know
either on Sea or Land.

Exactly Calculate and formed, for
the use of all Travellers, Mari-
ners, and others, who have any
Affairs, or Merchandizing
in this Kingdom of
Scotland.

By *James Paterfon*, Mathematician.

EDINBURGH,
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OF SCOTLAND
EDINBURGH

A Table of the Latitude and Longitude of the most remarkable Towns and Sea-ports in Scotland, reckoning the Longitude from the Meridian of *Edinburgh*.

Places Names.	Latitude.		Longitude.	
	d.	'	d.	'
<i>Edinburgh.</i>	56	00	0	00
<i>Leith.</i>	56	01	0	00
<i>Bruntisland.</i>	56	07	0	00
<i>St. Andrews.</i>	56	26	0	18
<i>Dundee.</i>	56	34	0	08
<i>Aberdeen.</i>	57	22	1	00
<i>Shetland.</i>	60	22	0	30
<i>Orkney.</i>	58	50	0	07
<i>Skyrassin.</i>	58	03	2	50
<i>Lewis.</i>	58	30	4	57
<i>Glasgow.</i>	55	57	1	00
<i>Stirling.</i>	56	08	0	40
<i>Dunkel.</i>	56	34	0	50
<i>Lanerk.</i>	55	52	0	38
<i>Perth.</i>	56	31	1	00
<i>St. Johnstoun.</i>	56	28	0	30
<i>Air.</i>	55	38	1	50
<i>Kirkudbright.</i>	50	00	1	22
<i>Dumfrice.</i>	55	12	0	12
<i>Kelso.</i>	55	45	1	00
<i>Dumbar.</i>	56	00	0	36
<i>Falkirk.</i>	56	04	0	30
<i>Linlithgow.</i>	56	04	0	20

A Geographical DESCRIPTION of Scotland.

THe main continent of *Scotland* will be in length 240 miles (such miles as the whole Earth is, 21600 in compass,) and will be in breadth, in the Latitude of 55 d. 30' (which is the south end thereof) 140 miles, and about the Latitude of 56 d. 00' is 90 miles, and in Latitude 57 d. 50' is 160 miles, and in Latitude 59 d. 00' (which is the north end) 80 miles, and will be in Proportion about $117\frac{1}{2}$ miles.

The Island of *Ila*, is 24 miles in length, and about as much in breadth. The Island of *Mull* is about 30 miles in length, and as much in breadth. The Island of *Sky* is 60 miles in length, and 15 in breadth. The Island of *Arran*, lying in *Dumbritain* Firth, is 16 miles in length, and 8 miles in breadth. The Island *Lewes* is 50 miles in length, North and South, and is 36 miles broad at the north end, and 10 miles broad at the south end, and in proportion is 23 miles broad. North-east of *Lewes* lyeth the Isle of *Rona* 7 miles in length, and 4 in breadth. Next the *Lewes* south, lyeth *St. Patricks* Island, 16 miles in length, and 10 in breadth. *St. Maries* Island is 20 in length and 6 in breadth, *St. Collumbs* is 14 in length, and 10 in breadth. *St. Peters* is 10 in length, and as much in breadth. The Island of *Bute* is 10 miles in length, and 3 in breadth. The Island *Kilda* is 36 miles in compass.

The Course and Distance betwixt the most remarkable Ports, Capes, or Headlands alongst the Coast of Scotland.

From Berwick to *St. Ebs* head N W B N 4 leagues.
From *St. Ebs* head to the Bass N W B W 3 leagues.

A 2

From

+

From the Bais to Leith W. 6 leagues.
 From Leith to Queens-Ferry W. 2 leagues.
 From Leith to Bruntisland N. 2 leagues.
 From Bruntisland to Fife-ness E B N 9 leagues
 From Fife-ness to St. Andrews N W 3 leagues.
 From St. Andrews to Dundee N N W 3 leagues
 From Dundee to Monrofs N N E 7 leagues
 From Monrofs to Stonehive N E B N 4 leagues.
 From Stonehive to Aberdeen N. 4 leagues.
 From Aberdeen to Buchan-ness N N E 12 leagues
 From Buchan-ness to Spy-leart N N W 4 leagues
 From Spy-leart to Ros W S W 20 leagues.
 From Ros to Cape Tarbate N E 4 leagues.
 From Cape Tarbate to Caithness N E B N 14 leagues
 From Caithness to Dambsby-head N W 3 leagues.
 From Dambsby-head to Fore-head W. 23 leagues
 From Fore-head to Island Sky S W B S 25 leagues
 From Fore-head to Skire-Affin, S S W 17 leagues.
 From Island Sky to Mull, S 17 leagues.
 From Mull to Isla, S 17 leagues.
 From Isla to the Mull of Kintyre, S S E 9 leagues.
 From Kintyre to Lochrean S E 9 leagues.
 From Lochrean to Elsee hill N. 6 leagues.
 From Elzee to Lamblash N. 6 leagues.
 From Lamblash to Comer Isle N N E 2 leagues.
 From Elzee to Irving N E 10 leagues.
 From Lochrean to the Bay of Glenlufe E S E 6 leagues.
 From the Bay of Glenlufe to Kirkcudbright E. 8 leagues.
 From Kirkcudbright to Salloway Sands E. 8 leagues.
 From Salloway Sands to Carlile E. 8 leagues.
 And from Carlile to Berwick by land N E B N 56 miles.

*A Description of the most remarkable
 High-ways in Scotland.*

From Edinburgh to Aberdene, and so to Peterhead
 94 miles. Thus,
 From Edinburgh to Kircaldy 10 miles, from thence to Comper 14 miles, thence to Dundee 8 miles, thence to Brichan 12 miles, thence to Aberdeen 20 miles, thence to Peterhead 24.

From Edinburgh to St. Johnstoun 28 m.

From Edinburgh to Brunt Island 7 miles, thence to
Faulkland 12 m. thence to St. Johnstoun 9 miles

From Edinburgh to Dumblain 24 miles

To Culrois 14 m. thence to Dumblain 10 m.

From Edinburgh to Dunkel 36 m.

To St. Johnstoun 28 m. as before, thence to Dunkel 8 m.

From Edinburgh to Clackmannan 20 m.

To Queens-Ferry 7 m. thence to Culrois 7 m. thence to
Clackmannan 6 m.

From Edinburgh to Stirling 26 m.

To Kirklistoun 6 m. thence to Linlithgow 6 m. thence
to Falkirk 6 m. to Stirling 8 miles.

From Edinburgh to Glasgow 36 m.

To Kirklistoun 6 m. thence to Linlithgow 6 m. thence
to Falkirk 6 miles, thence to Kilsyth 9 m. thence
to Kirkintilloch 3 m. thence to Glasgow 6 m.

From Edinburgh to Lanerk 20 m.

To Curry 4 m. thence to Achenouns-hill 4 m. thence
to Corset-hill 4 miles, thence to Carnwath 4 m.
thence to Lanerk 4 miles.

From Edinburgh to Glenluse 74 m.

To Lanerk 20 m. as before, thence to Sanquhar 30 m.
thence to Glenluse 24 m.

From Edinburgh to Kirkcudbright 58 m

To Bigger 16 m. thence to Lamingtoun 6 m. thence to
Mortoun 16 m. thence Kirkcudbright 20 m.

From Edinburgh to Dumfriece 52 m.

To Lintown 12 m. thence to the Bield 12 m. to Moffat
12 m. thence to Dumfriece 16 m.

From Edinburgh to Kelso 26 miles.

To Ginglekirk 12 m. thence to Kelso 14 m.

From Edinburgh to Dumbar 20 m.

To Seatoun 7 m. thence to Dumbar 13 m.

From Edinburgh to Roxburgh 26 m.

To Soutrey-hill 8 m. thence to Roxburgh 12 m.

From Glasgow to Dumblain 28 m.

From Glasgow to Torwood 18 m. thence to Dum-
blain 10 m.

From Glasgow to Stirling 18 m.

To

To Kirkintilloch 6 m. thence to Killyth 3 m. thence
Stirling 9 m.

From Glasgow to Dumbarton 10 m.

From Glasgow to Eglistoun 16 m.

To Paislay 6 m. thence to Eglistoun 10 miles.

From Glasgow to Kilwinning 18 miles.

To Paislay 6 m. thence to Kilwinning 12 m.

From Glasgow to Irwing 20 m.

To Paislay 6 m. thence to Irwing 14 m.

From Glasgow to Air 24 m.

To Kilmarnoch 16 m. thence to Air 8 m.

From Glasgow to Greenock 16 m.

From Glasgow to Glenluse 44 m.

To New-mills 10 m. thence to Glenluse 34 m.

From Glasgow to Kircudbright 42 miles.

To New-mills 10 m. thence to Sanquhar 16 m. thence
to Kircudbright 16 m.

From Glasgow to Lanerk 16 m.

To Hamiltown 8 m. thence to Lanerk 8 m.

From Glasgow to Kelso 56 m.

From Glasgow to Lanerk 16 m. thence to Selkirk 24 m.
thence to Roxburgh 14 m. thence to Kelso 2 m.

From Lanerk to Dumfriece 32 m.

From Lanerk to Crawford-John 18 m. thence to Lead-
hill 4 m. thence to Enterkin 2 m. thence to Dum-
friece 16 m.

From Lanerk to Moffat 22 m.

To Lamingtown 10 m. thence to Moffat 12 m.

From Lanerk to Peebles 16 m.

To Bigger 8 m. thence to Broughtown 3 m. thence to
Peebles 5 m.

From Lanerk to Hawik 32 m.

To Bigger 8 m. thence to Hawick 24 m.

From Lanerk to St. Andrews 50 m.

To Torphrechan 8 m. thence to Kirklistoun 10 m. thence
to Bruntisland 12 m. thence to Kennoway 12 m.
thence to St. Andrews 8 m.

From Lanerk to St. Johnstoun 45 m.

To Falkirk 12 m. thence to Dumblain 16 m. thence to
St. Johnstoun 17 m.

From Lanerk to Dunkel 43 m.

To Falkirk 12 m. thence to Stirling 6 m. thence to
thurd 24 m. thence to Dunkel 1 m.

From Lanerk To Dumbartoun 26 m.

To Glasgow 16 m. thence to Dumbartoun 10 m.

From Lanerk to Irwing 40 m.

To Newmilns 26 m. thence to Kilmarnock 10 miles,
thence to Irwing 4 miles.

From Lanerk to Air 42 miles.

To New-mills 26 m. thence to Air 16 m.

From Air to Kircudbright 40 m.

From Air to Moffat 50 miles.

To Sanquhar 30 m. thence to Mortown 8 m. thence
to Moffat 12 m.

From Air to Kelso 84 m.

To Lamington 40 m. thence to Selkirk 30 m. thence
to Kelso 14 m.

From Air to St. Andrews 73 m.

To Glasgow 24 m. thence to Falkirk 15 m. thence to
Culrofs 8 m. thence to Kennoway 18 m. thence
to St. Andrews 8 m.

From Air to Dundee 83 m.

To Culrofs 47 m. thence to Faulkland 18 m. thence
to Couper 10 m. thence to Dundee 8 m.

From Air to Aberdeen 121 m.

To Dundee 83 m. thence to Aberdeen 38 m.

From Air to Caithness 208 m.

To Kilmarnoch 8 m. thence to Dumbartoun 16 m.
thence to Strathamond 40 m. thence to Ranive
42 miles, thence to Dingwell 30 m. thence to Ro-
gart 28 m. thence to Kildon 10 m. thence to
Caithness 34 m.

From Air to Skire-Affin 155 m.

To Irwing 8 m. thence to Kilwinning 3 m. thence to
Bethy 6 m. thence to Loch-Lomond-hills 28 m.
thence to Loch-Garve 40 m. thence to Lome 40,
thence to Elsbrew 12, thence to Skire-Affin 18.

From Kelso to Aberdene 90 m.

From Kelso to Edinburgh 26 m. thence to Aberdene
70 m.

When you go from Kelso to any Part in the North of
Scotland, the best way is by *Edinburgh*.

*The whole known Faires in Scotland ;
With the number of the Shires
and Burghs therein.*

Faires in January.

The first Fair in the year is at Kilsyth the 1. day. S. Naughtans fair at the town of old Meldrum the 2. tuesday, and at the Kirk of Bethelny in Gerry, upon the 7 day. S. Mungo in Glasgow the 13 day, a fair at Dunkell and Kilwinning the 21 day. S. Pauls fair at Turreff in Buchan the last tuesday.

In February.

At Abernethy and Forres in Murray-land called S. Brides day, and at the town of Innerness, all on the 1 day. Candlemas day in Bamff, Dunkel, Dingwal and Dowglas the 2 day. Candlemas fair at the town of Ratray, in the paroch of Crimon in Buchan the first tuesday after Candlemas, at Cowper of Fife the first wednesday of the moneth. Valentines day at Linlithgow the 14 day, and at Forfar the 15 day, holding 8 days. Ashwednesdays Fair begins on Fasten-even at Lanerk, at Valley-field the 24 day.

In March.

S. Monnence in Aberdene, Dumfermline, Abercherden, S. Marnoch Kirk, and Strathven the 1 day ; at Pettenween 3 day, at Dumblain the first wednesday. A fair at Markinch the 6 day. S. Duthos in Tane of Ross the 9 day, in Auchtermull the 10 day. S. Marks fair at Innerness the same day: S. Causnan the 12 day ; S. Patrick in Dumbarton, and at the Kirk of Strageeth, and at Kirkcaldy the 16 day : in S. Johnstoun the 19 day. S. Cuthbert fair in Langtoun of the Mers the 20 day, Lady day in West-weems, Bamff, and Auchtermuchty the 25 day.

whiles in March, and whiles in April.

Palm Sunday at the Kirk of Forrig, and in the town of Innerness, and S. Johnstoun, all upon munday thereafter. S. Marks fair at the town of Forres in Murray-shire on tuesday day after Easter. Skirethursday fair at the Burgh of Glasgow, Dumbarton. Cowper of Angus, otherwise Monks Cowper

per, and Elgine of Murray, both on Thursday before Pasch. Pasch-munday in Cowper of Fife, Lanerk, and Irwing, all on munday after Pasch. Mid-lentron fair at Tantibanchrie, on thursday before Mid-lentron Sunday: Palm Sunday at Frendraught: a fair in old Aberdene the thursday before Pasch, a fair at new Leslie the tuesday before Pasch. Low-funday after Pasch in Killimore, and all the week after at the Senzie of S. Andrews. A new fair at Borrowstounness, and at Corstorphine the first tuesday after Easter.

In April.

Ples fair at Cruden in Buchan, the first tuesday. S. Donald fair at the Kirk of Achterless in Buchan the 17 day, Mark Evangel in Dysert the 23 day; Beltan day the first, the 25 day. A Fair at Rugland the 28 day, continuing four dayes, and a fair at the town of Ratray in Buchan the last tuesday, being 8 days before Rude fair in Ellon. A fair at Leven the 29 day, in Kilreny the 30 day.

In May.

S. Philips fair in the Grange in Linlithgow Shire, and at the new Kirk of Kilpatrick, the 1 day. Holy Cross fair the 2 day: Rude fair at Ellon in Buchan, Beltan fair at Monros in the Shire of Angus, and at Kinrocher and Peebles; also S. Congals fair at the Kirk of Doors in Merns-shire, all on the 3 day. Fumuck fair at Fumuck Kirk, in the paroch of Petrisnie, within the Shire of Bamff the 3 day. A fair at Rensfrew the 9 day, at Carlouk and Drymen in Lennox the 10 day; Brandon fair at Bamff, and a fair at Kirkaldy the 16 day.

Whiles in May, and whiles in June.

A fair at Stirling ten days before Whitsunday: Whitsunday fair at Stone-hive in Merns-shire, on tuesday before Whitsunday, a fair at Leslie on thursday before whitsunday: Whitsundays fair called Pardon day, at Peter-head in Buchan, Ascension day at the Burgh of Annan, Whitsunmunday at Glasgow, Dumbarton, Lanerk, and Jedburgh. A fair in Borrowstounness on tuesday after Whitsunday, also at Linlithgow and Dumblain the same day; Whitsuntuesday called Pardon-day at Chanry im Ross, and at the Kirk of Nini-
ans

ans above Kirkaldy. Trinity munday at Edinburgh, and at the town of Brechin, holding 8 days, also at S. Andrews and Burntisland the same day: Trinity tuesday in Rugland, Trinity thursday in Falkland, both lasting 2 days. Whitsundays mercat at the moor of Dun, in the Shire of Angus, the second wednesday after Whitsunday: A fair at Killybeg the friday before Whitsunday.

In June.

A mercat at Kinross the first tuesday, in Langtoun 5 day, Bernard mercat also at Monifeeth in Angus, and at Kirk-toun of New-deer in Buchan, S. Colms fair at Drumhead in Belhelvie, also S. Colms fair at the Kirk town of Davidston the Gerry, all upon the second tuesday. S. Colms mercat at Stramiglo, Aberdour, and Ennerkeithing the 6 day, at Drymen the 9 day, in Forgondenny the 10. S. Barnabie in Lawder, Dysert, Dowglas, S. Lawrence in Grinnock, and Preston-pans, and Dirletoun, all on the 11 day. S. Margaret in Abernethie, Ceres in Fife 13 day; Midsummer on S. Johns day in S. Johnstoun, Air, Wigton, Bamff, Athelston, and Meiklour in Perth-shire, all upon the 14 day; in Auchtertuil and Clackmanan, and at Bocklyvie in the paroch of Kippin, and Scoon, all on the 15 day; at Straven the 16 day: S. Margarets fair upon the Mains of Keith-hall (sometimes called Casky-byn,) S. Edwards fair at Turreff in Buchan, and at the Burgh of Annan, all upon the 3 tuesday. S. Margaret in Dumfermling, and at Moffat the 18 day, and at Earlestoun 19 day; Monro his fair holden at Colrain in Ross-shire the 20 day; at Methil near Levens mouth the 22 day, Midsummer day in Forres, Carnwath, Hawick, and at Townyettam on the border, all on the 24 day; In Alathy in Angus called S. Emagola, and at the town of Nicolson, both on the 25 day; S. Peters day at Forfar, at Faulkland, and Burntisland, Bamff, and Kelso, all on the 26 day. S. John Baptist day, a fair in Fraserburgh 24 day, at Gallasheils 27 day, in Pebles 29 day: S. Seriffs fair at the Kirk of Rulbaldmen in Gerry, the last tuesday of this moneth. S. Peters fair at Migel in Perth-shire, and at Haddingtoun, both upon the last day.

In

In July.

A fair at Culross, Stow, and Edzerstoun in Terriordale all on the 1 day ; Abernethie and Auchtermuchtie the 2 day ; S. Martine of Bulzeon 3 day ; Peters fair at Peterhead the 5 day : A new mercat in Dundee the 1 tuesday. S. Thomas in Langtoun 5 day : Lady mercat at the Kirk of Forden in the Merns 6 day. S. Andrew in Glasgow and Innerness the 7 day, at Borrowstounness, Burgh of Annan, and Aikie fair at the town of Old-deer, all on the second tuesday. S. Lawrence at Grinnock the 11 day, at Kilwinning the 12 day : S. Margaret in Killimuir, and at the Kirk of Forrig the 13 day, in Moffat, and at Kirkaldy the 18 day, at Stirling 20 day ; Mary Magdalene in Lawder, Linlithgow, Pettenweem, and Path-head 22 day : S. Margarets fair at Frendraught, and in Tarves the 3 tuesday : S. Andrews fair at the Kirk of Glas in Strabogie on tuesday after the 15 day ; in Airth, and S. Christina in Corstorphine both on the 24 day. S. James in Forfar, Kinghorn, Cowper of Fife, Lanerk, Roxburgh, Alloway, Musselburgh, and at Elgin in Murray, all on the 25 day, at Kinloch-Rannoch in Athol, Perth-shire, at Turreff in Buchan, new Lefly, and at Whithorn all on the last tuesday.

In August.

Lambmas day in Atturff, Melrois, Ennerkething, S. Andrews, and Dumbarton all on the 2 day : S. Lawrence fair in Ranc the 1 tuesday, and thursday after in Falkland. S. Lawrence in Merns-shire, upon Lawrence moor, a little above the place of Hawkertown, holding 4 days, and at Jedburgh, Marymas fair at the town of Monymusk, all upon the 2 tuesday, at Kilsyth the 5 day, in Meiklour the 7. S. Lawrence in Selkirk, Auchtermuchty, Forres, Carnwath, and Dumblain, all on the 10 day ; Lady day the first in Dundee, Bamff, Merns, Valley-field, and Marymas fair in Innerness, all on the 15 day, the 20 day at Rugland, a fair in Scoon the 22 day. Marymas fair in the town of Ellon in Buchan, and at the town of Rarray in Buchan, both upon the 3 tuesday. S. Bartholomew Apostle in Linlithgow, Clackmannan, Kincairn of Neil, and in Peebles, all on the 24 day. S. Zephirinus in Corstorphine the 26 day, Samarevis day in Forres the 27. and S. Johns day in S. Johnstoun, and Lawder the 29 day.

In September.

S. Giles fair in Elgin 1 day, in Moffat 2 day, Semerivis in Keith the first tuesday, in Skirline 4 day, latter Lady day in Dundee, Stirling, Bamff, and at the town of Inverury, all on the 8 day, at Auchtertuil, and Salane the 11 day, latter Mary fair in the town of Monymoss on the second tuesday; Rood fair in Innerness and Jedburgh the 14 day, at Forfar the 15. S. Monence at the Kirk of Doors in Merns-shire, and at the town of Ratray in Buchan, both on the 3 tuesday, at Kirkaldy 20 day, a fair at old Leslie 21 day, Matthews fair at Linlithgow the 21 day, Rude day in Carill, Jedburgh, Dumfermling, Dumfries, and Athilston 24 day, a fair at Colrain in Ross-shire, called S. Georges fair 25 day: a fair at Leven, Nicolson, Tranent, and Dury, all on the 27 day. S. Michael in Haddingtoun, Leslie, Air, S. Andrews, Crief, Kirkcudbright, Gallashiels, and at the Kirk of Forrig, Ransfrew, Burgh of Annan, all on the 29 day. S. Jerome in Bamff the last day.

In October.

The 1, 2, and 3. a fair in Salt Preston: at Dundee, Kinloch-Rannoch in Athol, Turreff in Buchan, Mid-Calder, all on the first tuesday of this moneth. S. Francis in Abernethie and Valleyfield 4 day, in Meiklour the 5 day, in Cowper of Fife the 6 day: a fair at the Town Lon-head of Lesswaid, and at Markinch the 8 day, Kirkcoun of Monifeeth, S. Dionise in Peebles, Earlston, Kirtintilloch, Aiton, Auchtermuchty, Ceres in Fife, in Killinuir, Moffat, and S. Dinnot in S. Johnston, all on the 9 day, at Dalkeith and Tillibol 10 day, at Ennerkeithing and Strathven the 12 day; Trewel fair at the Kirk of Reneth-monith the 2 tuesday; a fair at Drumhead in Belheivie the second wednesday, Fenduck at Dunning 13 day, in Forgondenny and Drymen the 15 day, in Borrowstounness, and Musselburgh the 16 day. S. Luke in Lawder, Kinross and Rugland the 18 day: S. Irena in Corstorphine, at the Kirk of Carlouk, and Townyettam on the Bor ler, all on the 20 day, at the new Kirk of Kilpatrick 21 day: Mary Salamine in Sterling and Kelso 22 day: A fair at Forfar, and Linlithgow 24 day, a fair in Glenquithill the

the penult Wednesday. S. Luke in old Aberdene the 3 tuesday ; Hallow fair in Ratray in Buchan the last tuesday, in Kilreny and Stramiglo 25. Fowles fair in Pasley and Falkirk 26 day ; Simon and Jude in Dysart, Cockany, Kirklistoun, Hawick, Migel in Perth-shire, and Rosline, all on the 28 day, in Alloway and Nicolson the 29 day, at Whithorn the last thursday.

In November.

Hallow-day in Edinburgh 8 dayes, in Falkland, Dumblane, and Fordyce 1 day, in Alathy 2 day, in Kilwinning 3 day, at Jedburgh the first tuesday : S. Leonard in Lanerk, Forres, and Largo the 6 day ; Martimas fair at Innerness the 10 day : S. Matth. in Dumbar, Melrois, Martinskirk, Cowper of Else, Hamilton, Culrofs, Kilmahug, & Strabogie, all on the 11 day : Martimas fair at Stone-hive, in the Shire of Merns, on the tuesday before Martimas : at Killyth the 12 day. S. Clement in Dundee 13 day. S. Helens day at Grinnock, and Down in Montieith 15 day. Margaretmas in Dumfermling, Lawder, and Borrowstounness, all on the 16 day. S. Mucharmuch in Tane, Auchtertuil, and Bryack fair at the Kirk of Rowl, all on the 22 day, at Burntisland the 23 day ; Andermas fair at Stradon, and Frazerburgh in Buchan the 29 day ; S. Andrew at the town of old Meldrum, the last tuesday. S. Andrew in S. Johnstoun, Peebles and Chirnside the 30 day.

In December.

S. Nicolas fair in Aberdene the 7 day ; at Renfrew the 6 day : Lady day in West-weems the 8 day ; at Bamff, Rothemay, Duffane fair at the town of Deer, all on the 14 day ; S. Thomas in Glasgow and at Down in Mentieth the 15 day ; S. Cuthbert in Grange in Linlithgow shire the 17 day ; S. Thomas in Innerness the 20 day ; S. Johns fair in Bamff, Forres, and Methill, near Levens mouth, all upon the 27 day ; S. Davids in the Kirk-town of Davids, in Gerry, the tuesday after Christmas.

In Scotland there are 31 Shires, and 62 Burghs.

As for the first kind of Artists, I say,

If they have Art let me it see
In phrases of our own Country :
Namely in Arts which hath been found
Into our own good Scottish ground.
If they have Art from Rome or Greece
Tell it in phrases of that Place :
And also who it there did find,
And they shall hear more of my mind.
When they describe the Comets Ray,
The Swans wing they ought to say :
They give't a name though not a nait'ne,
For Cignus, wing is broken Latine
They give this Comet a Stars name,
And places it in Starry frame.
And also names its Constellation
As if it kept a constant station.
It seems the Art hath got disgrace,
~~which~~ makes the Stars to leave their place :
Scorning with them to be set down,
Or to be known for half a Crown
Or else their instruments do fail,
For things too cheap is oft out-waile.
For they begin Art to set down,
And teach the same for half a Crown
which if they could take observation
They would not so slight Navigation.
For Artists good I thus will say,
I'll shew all kindness that I may ;
And so will all that loves these Arts,
Both in this place and other parts.
By Mathematicks first were made
The first foundation of each Trade.
I pray good Artists me excuse
For in this thing I none abuse :
For better it were them to exhort,
Then they to others be a sport.

Ja. Paterson

A Description of the Comet.

Upon the 14 day I observed this Comets ray to pass just betwixt us, and the upmost Star in the Vulters breast, and upon the 15 day, betwixt us and the middle brightest, and upon the 16 day, I found it to be at 6 a Clock at night in *Capricorn* 17 d. 01' 30'' in Latitude 14 d. 47' North, at which time the Suns place is *Capricorn* 06 d. 08' 30'' and the lowest Stars place is *Capricorn* 27 d. 55' in lat. 27 d. 10' Again 24 d. at 7 a clock at night, its place is *Aquarius*, 20 d. 18' 30'' in Lat. 25 d. 46' North. Likewise 29 day at 9 a clock at night, its place is *Pisces*, 14 d. 19' in Lat. 18 d. 20' 33'' North. Again 1681. *Jan.* 6 day, at 6 a clock at night its place is *Aries* 10 d. 50' 53'' in Lat. 26 d. 15' 38'' North, its mean distance from the Earth is 1238911 miles, its Node ascending *Sagittarius* 18 d. 21' greatest Lat. viz. 28 d. 40' 30'' in *Pisces* 18 d. 21' Node descending *Gemini* 18 d. 21' which will be about *Jan.* 23 day, after which you shall scarce discern it, so that I see it amongst the Orbs of the Planets and not upon the Stary frame, as is falsely Alledged by some of our new Artists, in whom the Vulgars put much trust, and yet they will have it between us and the Moon, which is impossible: Yet these Obiervations I have made, and will approve of them as reale; As also the Long. by Cœlestial observation, although there be many who profess to be Artists and yet knows little of Art, but only a few Latine and Greek phrases on it, holds it impossible, because they know no better, and yet there is other good Artists, who although they have it not, believes it to be true, knowing that Art may produce many things.

Advertisement.

Such as desire any Mathematical Instruments made of Wood, as Scales or the like, with the use thereof may find me over against the foot of Peebles-winde in the Cowgate of *Edinburgh*, where they shall have Scales of my forming, that shall resolve Mathematical questions both speedily and exactly.

Ja. Paterson.

As

A Tide TABLE

North.
NBE
NNE
NEBN
NE
NEBE
ENE
EBN
East
EBS
ESE
SEBE
SE
SEBS
SSE
SBE

Or

South.
SEW
SSW
SWBS
SW
SWBW
WSW
WBS
West.
WBN
WNW
NWBW
NW
NWBN
NNW
NBW

Moon makes full Sea in

Queensburgh, Isle of Wight
Aberdene, Rochester
Graves-end, Downs, Scilly
Leith, St. Andrews, Dundee
London, Tinnmouth, Amsterd.
Berwick, Flamburghhead
Kingfaile, Baltimore Uthant
Newcastle, Humber, Lizard
Bristol, Plimouth, Hull
Waterford, Abermorick
Portrush, Milnford, Texel
Dublin, Lamby, the Hague
Dumbar, Isle of Man, Orkney
North and south Foreland
Yarmouth, Dover, Harwich
Rye, Winchelfy, Culshot.

Full Sea on Change and full Moon

The Use.

Having known what Moon makes full Sea in any
or Harbour, (as you have a Table here of the most
markable) you must multiply the Moons age by 4, and
divide the product by 5, the quotient will be hours,
the remainders will be 5 parts of an hour, (every 5 parts
being 12') for the time of the Moons southing, and
adding 24 thereto will be her northing; very near to which
add the hours and minutes belonging to the point of flow-
ing, and then seek the Moons age in this Table, under

Moons age				h. /	
1	: 14	: 16	: 29	0	: 0
2	: 13	: 17	: 28	0	: 5
3	: 12	: 18	: 27	0	: 10
4	: 11	: 19	: 26	0	: 20
5	: 10	: 20	: 25	0	: 30
6	: 9	: 21	: 24	0	: 45
7	: 8	: 22	: 23	1	: 00

the Moons age and
wards the right hand
you have the hours and
minutes to be subtracted
from the former sum,
the remainder is the
time of full Sea:

Example.

I demand full Sea

Leith the 6 day of the Moons age ? Answer, multiply
4, product is 24, which divide by 5, quotient is 4 and
48' to which add 2 h. 15' belonging to NEBN or SW
for Leith, sum is 5 h. from which subtract 45' found in
last Table, remainder is 4 h, 18' true time of full
Leith required.

FINIS.

